



## BOOK REVIEW: CURIOSITY TEXTBOOK OF SCIENCE FOR GRADE VI ISBN: (978-93-5007-225-7)

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### **Curiosity Textbook of Science for Grade VI**

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**Curiosity:** A Science Textbook of the NCERT for Grade VI is a pivotal educational resource designed to foster scientific temper, critical thinking, problem-solving approach, and inquiry among students. It also addresses various shortcomings and aims to provide a grassroots understanding of various scientific concepts, experiments, activities, processes and socio-cultural community in relation with science in a structured and engaging manner. The content of “Curiosity” is meticulously aligned with the NCERT curriculum standards, ensuring comprehensive coverage of essential scientific topics. “Curiosity” has been developed with a comprehensive, 360-degree competency and Indian Knowledge System based followed by scientific approach, specifically designed for 6th-grade students. The content, context and visuals has been systematically organized from the beginning to end page, adhering to the vision and principles outlined in the National Education Policy 2020 and the National Curriculum Framework for School Education (NCF-SE) 2023.

Based on the primary scientific discipline, the textbook is divided into twelve well-organized chapters. All the chapters are nicely written, with some beginning with integrated concepts of multilingualism in science, such as starting with shlokas. The book encompasses a diverse range of topics aimed at providing a holistic understanding of various subjects. It begins with an exploration of indigenous plants, emphasizing their veneration and the cultural significance of their roots and seeds. Each chapter is enriched with accurate and up-to-date information, presenting scientific facts and theories in a manner that is both accessible and engaging for 6th-grade students. This includes, Chapter 1: The Wonderful World of Science, Chapter 2: Diversity in the Living World, Chapter 3: Mindful Eating: A Path to a Healthy Body, Chapter 4: Exploring Magnets, Chapter 5: Measurement of Length and Motion, Chapter 6: Materials Around Us, Chapter 7: Temperature and its Measurement, Chapter 8: A Journey through States of Water, Chapter 9: Methods of Separation in Everyday Life, Chapter

10: Living Creatures: Exploring their Characteristics and Chapter 11: Nature’s Treasures and Chapter 12: Beyond Earth.

This textbook also covers marine life and desert ecosystems, highlighting the unique flora and fauna found in these regions. Additionally, it offers nutritional and cultural information about food from different regions of India, showcasing the country’s rich culinary diversity. The content includes examples of traditional-to-technological transitions in daily life items and tools, illustrating how advancements have shaped our everyday experiences. A detailed exploration of the different states of water and related concepts provides a scientific understanding of this essential element. It also highlights the diverse scientific contributions of Indian botanist, ornithologist and naturalist, nutritionist, and physicist and meteorologist such as Janki Ammal, Salim Ali, Coluthar Gopalan, and Anna Mani to foster appreciation for Indian scientists. Finally, the textbook incorporates innovative teaching methods, such as storytelling, experiments, observations, case studies, individual and group activities, and hands-on activities, like folding filter paper to demonstrate separation techniques, to engage students and enhance their learning experience. It includes activities related to professions such as food sellers and carpenters, emphasizing the use of non-polluting and biodegradable materials like clay, plants, bamboo, and paper.

This textbook is visually appealing, with high-quality illustrations with good composition and proportion, diagrams, and photographs with proper labelling that enhance the learning experience. The layout is well-designed, with appropriate use of headings, subheadings, and white space to ensure readability. The colour schemes and fonts are carefully chosen to be eye-catching without causing strain, making the content accessible to various stakeholders at the 6th grade. The language used in “Curiosity” is age-appropriate and easy to understand, avoiding overly complex vocabulary and sentence structures. Explanations and instructions are clear and precise, aiding comprehension. Each chapter of the textbook ends with important keywords, summary, key points, assessment questions, enhancement activities, and further reading for continued learning.

This textbook comprises Quick Response (QR) functionality. Scanning these QR codes leads to the main websites of ePathshala (<https://epathshala.nic.in>), including DIKSHA, NISHTHA, the Central Institute of Educational Technology (CIET), the Information and Communication Technology (ICT)

Curriculum, the National Council of Educational Research and Training (NCERT), and more. These features provide readers with easy access to science-related digital resources and services. This initiative also helps bridge the gap between traditional education and technology in an interactive manner.

This book is available for free in e-print (PDF) format and as a hard copy at the very reasonable price of Rs. 65.